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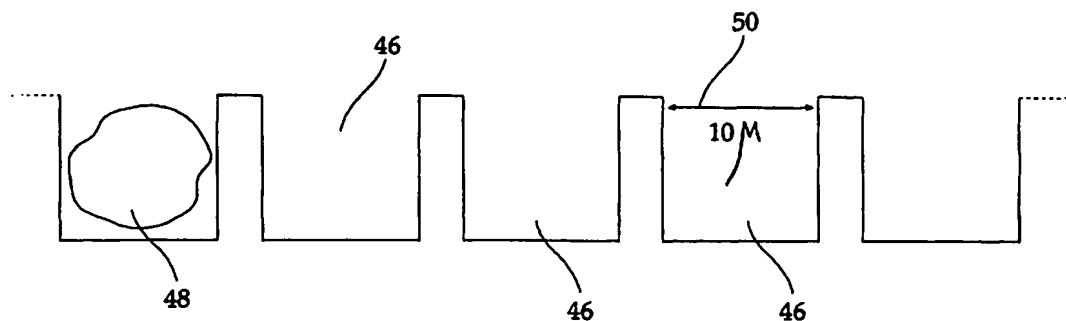
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(54) Title: IMPROVED MULTIWELL PLATE



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(57) Abstract: A multiwell plate (52) having a plurality of picowell (46) on the bottom of the wells of the plate as well as methods of producing the multiwell plate are provided. Provided is also a method of handling living cells (48) by providing an ordered array of living cells immobilized in a non-fluid matrix, contacting the living cells with a stimulus; and detecting a response to the stimulus. The present invention is also of a method of producing an ordered array of living cells.